Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
Data File : VL043069.D
Acq On : 08 Oct 2025 21:36
Operator : SY/MD
Sample : QC100684 CAN 10595
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC100684 CAN 10595

Quant Time: Oct 09 01:24:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	172613	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	470312	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.875	117	368197	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	257798	9.719	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.200%			
Target Compounds						Qvalue
15) Acetone	1.835	43	13946m	0.577	ppbv	
26) Hexane	2.822	57	14000m	0.600	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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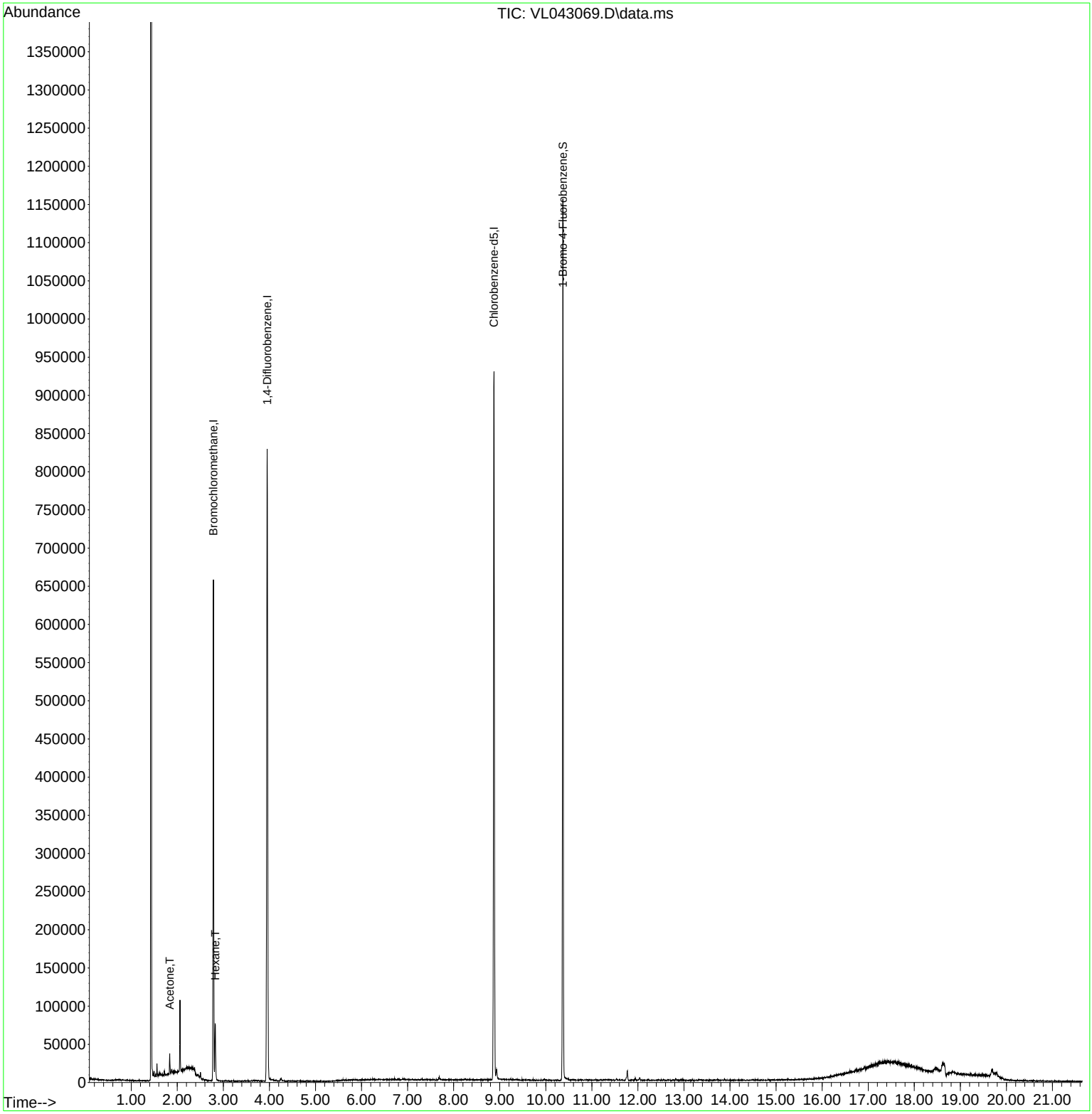
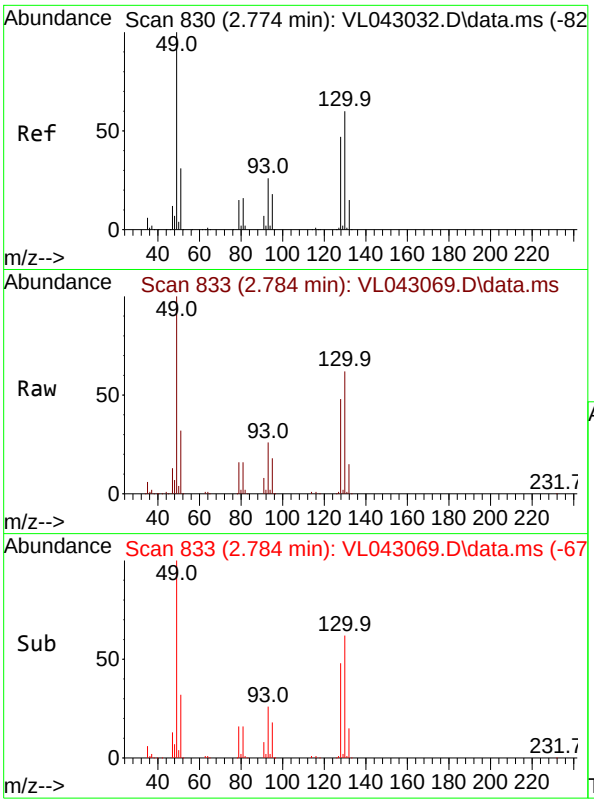


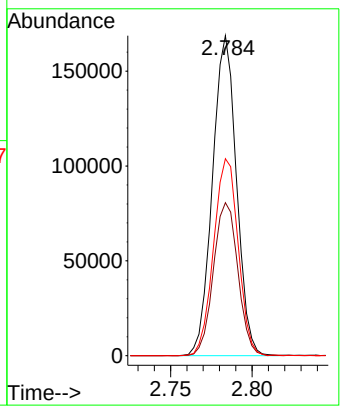


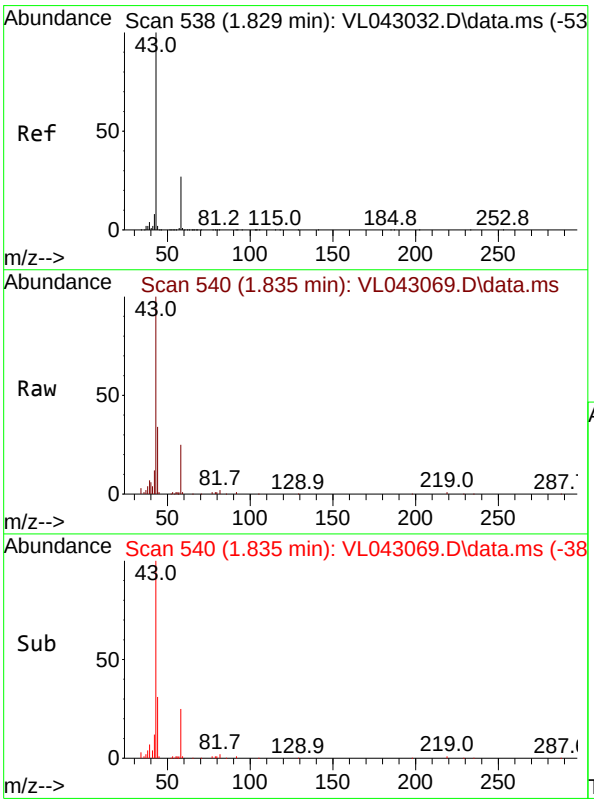
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 8
Delta R.T. 0.010 min
Lab File: VL043069.D
Acq: 08 Oct 2025 21:36

Instrument :
MSVOA_L
ClientSampleId :
QC100684 CAN 10595

Tgt Ion: 49 Resp: 172613

Ion	Ratio	Lower	Upper
49	100		
128	48.8	24.1	72.2
130	63.1	31.4	94.3

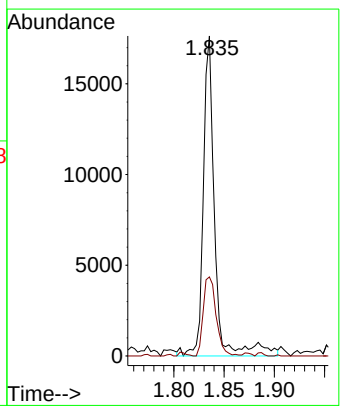


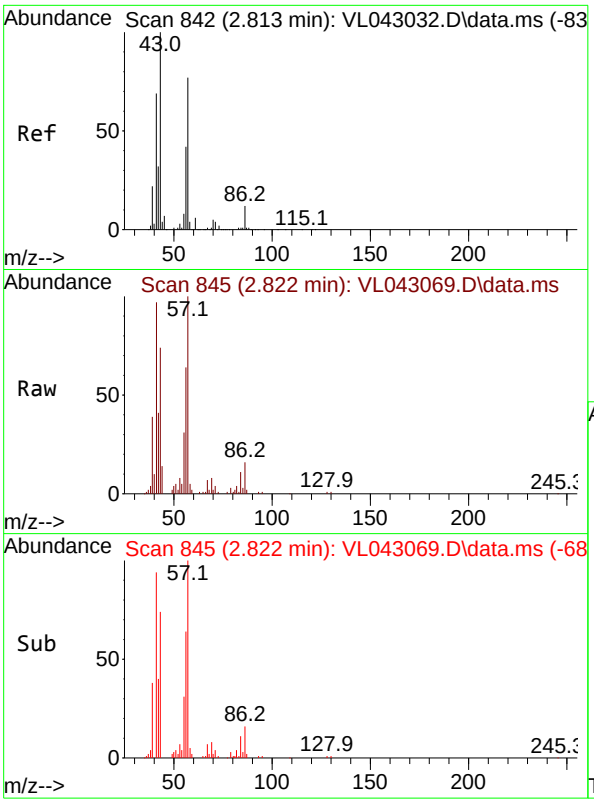


#15
Acetone
Concen: 0.577 ppbv m
RT: 1.835 min Scan# 540
Delta R.T. 0.006 min
Lab File: VL043069.D
Acq: 08 Oct 2025 21:36

Tgt Ion: 43 Resp: 13946

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.2	33.4#



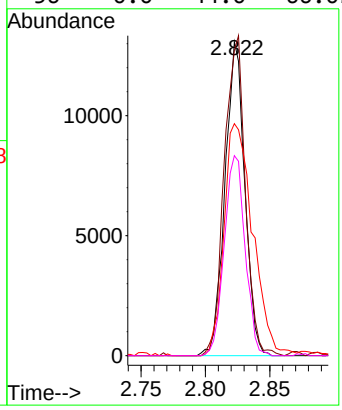


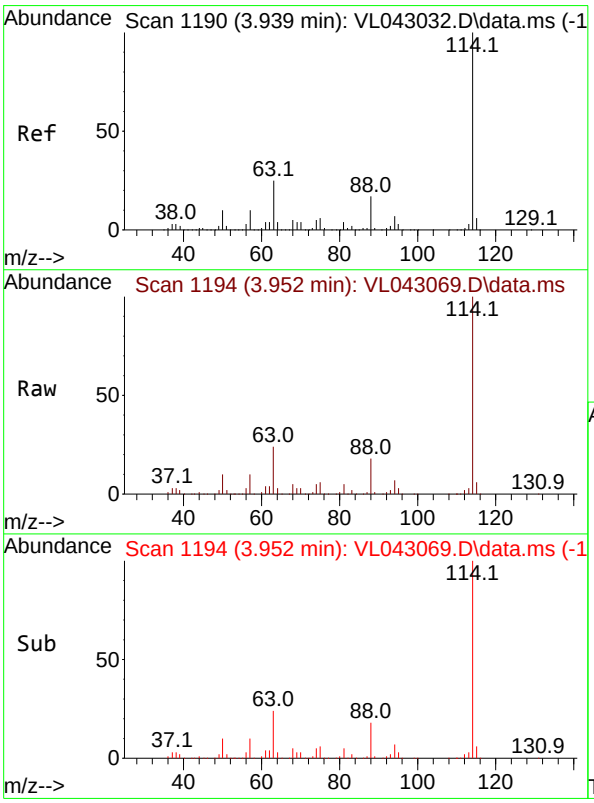
#26
Hexane
Concen: 0.600 ppbv m
RT: 2.822 min Scan# 84
Delta R.T. 0.010 min
Lab File: VL043069.D
Acq: 08 Oct 2025 21:36

Instrument :
MSVOA_L
ClientSampleId :
QC100684 CAN 10595

Tgt Ion: 57 Resp: 14000

Ion	Ratio	Lower	Upper
57	100		
41	0.0	76.1	114.1#
43	0.0	201.4	302.0#
56	0.0	44.0	66.0#

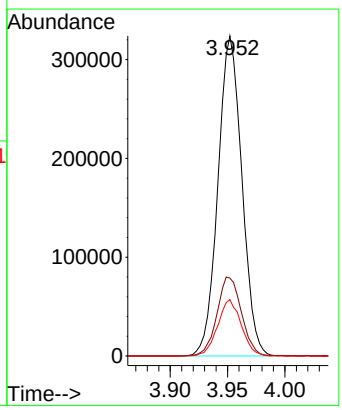


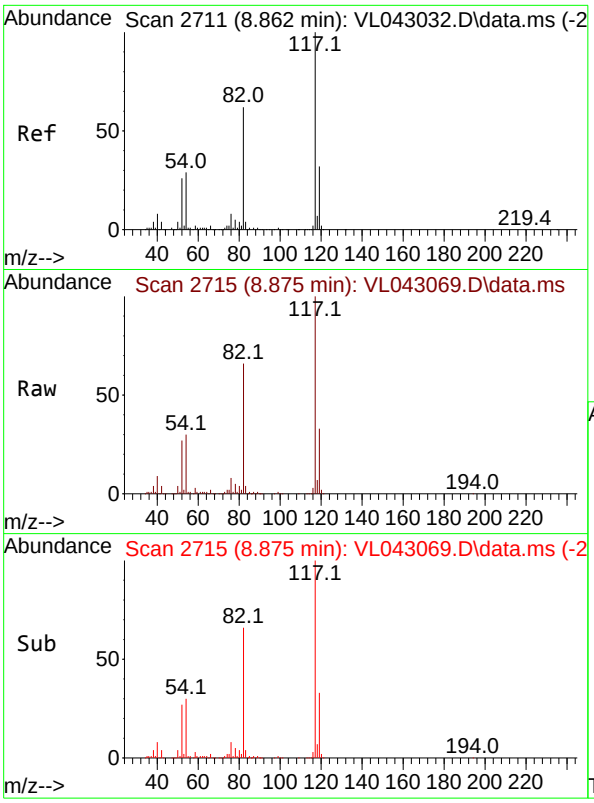


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. 0.013 min
Lab File: VL043069.D
Acq: 08 Oct 2025 21:36

Tgt Ion:114 Resp: 470312

Ion	Ratio	Lower	Upper
114	100		
63	25.2	19.4	29.2
88	17.3	13.9	20.9



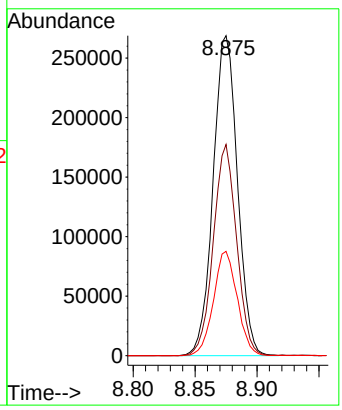


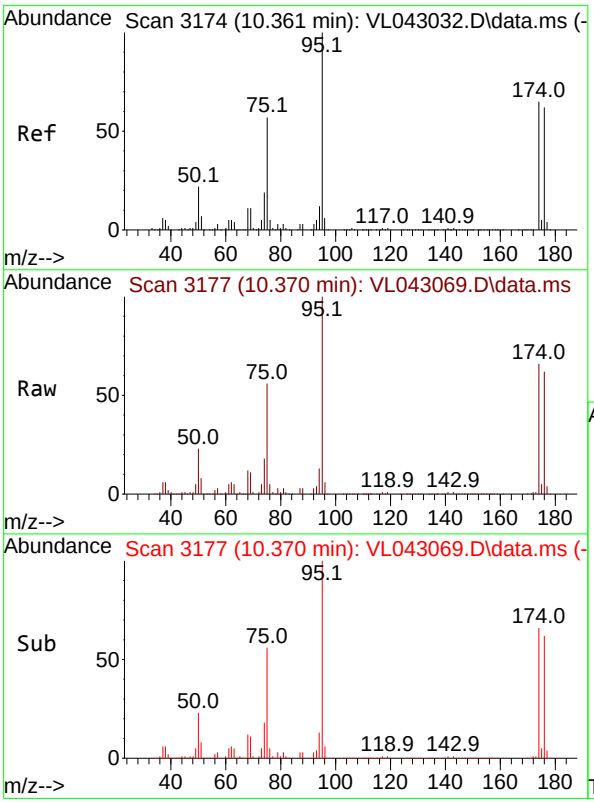
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL043069.D
Acq: 08 Oct 2025 21:36

Instrument :
MSVOA_L
ClientSampleId :
QC100684 CAN 10595

Tgt Ion:117 Resp: 368197

Ion	Ratio	Lower	Upper
117	100		
82	63.3	53.0	79.6
119	32.0	25.4	38.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.719 ppbv
RT: 10.370 min Scan# 3177
Delta R.T. 0.010 min
Lab File: VL043069.D
Acq: 08 Oct 2025 21:36

Tgt Ion: 95 Resp: 257798

Ion	Ratio	Lower	Upper
95	100		
174	66.2	52.3	78.5
175	4.5	3.8	5.8